

KOLESNIKOV, A. I.

One man on duty at our electric substation. Sots. trud. no. 6:123-124
Je '58. (MIRA 11:6)

1. Magnitogorskiy metallurgicheskiy kombinat.
(Magnitogorsk—Electric substations)

ZALESSEKAYA, L.S., kand.arkh.; ALEKSANDROVA, V.D., arkh.; SHEKVARIKOV, V.A.,
red.; DYUBENBAUM, M.S., red. [deceased]; KOLESNIKOV, A.I., red.;
DOMSHLAK, I.P., red.; BALAKSHINA, Ye.S., arkhitekt, red.;
FRIDBERG, G.V., inzh., red.; BRUSINA, L.N., tekhn.red.

[Manual for architects] Spravochnik arkhitektora. Red.V.A.
Shekvarikov i dr. Moskva, Gos.izd-vo lit-ry po stroit., arkh. i
stroit.materialam. Vol.3., pt.2. [Landscaping of cities] Oze-
lena le gorodov. Sost. L.S.Zallesskaya i V.D.Aleksandrova. 1960.
463 p. (MIRA 13:9)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut grado-
stroitel'stva i rayonnoy planirovki.
(Landscape gardening)

BOLESHNIKOV, A.I., inzhener.

Construction of mobile transformer substations. Prom.energ. 10 no. 5:25-
26 My '53. (MERA 6:5)

(Electric substations)

ROZESHIKOV, A.I.

Through their own efforts. Geog. v shkole no.6:54 M-D '55.
(Geography--Study and teaching) (MLRA 9:1)

KOLESNIKOV, A.I., mayor med.služby

Use of oxygen in trichocephaliasis. Voen.med.zhur. no.8:67-68
Ag '56 (MIRA 12:1)

(WORMS, INTESTINAL AND PARASITIC)
(OXYGEN--THERAPEUTIC USE)

ROLESNIKOV, A.I. (Solnechnogorsk, Moskovskoy oblasti)

Blood eosinophilia in chronic nonspecific colitis and rectal
oxygenotherapy. Vrach. delo no.8:141-142 Ag '61. (MIRA 15:3)

(EOSINOPHILES)

(COLITIS)

(OXYGEN--THERAPEUTIC USE)

FISHZON-RYSS, Yu.I., kand.med.nauk (Solnechnogorsk, Moskovskoy oblasti);
KOROTKOV, L.A. (Solnechnogorsk, Moskovskoy oblasti); KOLESNIKOV,
A.I. (Solnechnogorsk, Moskovskoy oblasti)

Clinical aspects and treatment of atrophic myotonia. Vrach.
delo no.10:146-148 O '62. (MIRA 15:10)

(MYOTONIA)

KOLESHNIKOV, Aleksandr Ivanovich, kandidat tekhnicheskikh nauk; PAVLOV,
Viktor Nikolayevich, kandidat tekhnicheskikh nauk; SHELEKHIN, A.S.,
redaktor; KOGAN, F.L., tekhnicheskiiy redaktor

[Operational adjustments of the automobile MAZ-200] Eksploatatsion-
nye regulirovki avtomobilia MAZ-200. Moskva, Nauchno-tekhn.izd-vo
avtotransp.lit-ry, 1957. 41 p.
(Automobiles)

(MLRA 10:10)

KOLESNIKOV, A. I.

USSR/Chemistry - Alkaloids
Colchicine

Aug 49

"Chemical Study of Colchicum Spediosum Stev.," A. A. Byeer, Sh. A. Karapetyan, A. I. Kolesnikov, D. P. Snegirev, "Khimki" Cen Sci Res Forestry-Chem Inst, 1 3/4 pp
"Dok Ak Nauk SSSR" Vol LXVII, No 5

Study of these plants with respect to their alkaloids resulted in development of a method for extracting and purifying colchicine, preparing an aromatic oxy-acid, and for obtaining a "colchicerine" derivative. The tubers of the plants, because of their relatively low resin-forming nature and because they contain the greatest percentage of alkaloids (0.41-1.6%), are most useful. They contain 15-30% of dry material. Gives quantitative analysis. Lists percentage alkaloid contents in the other parts of the plants. Submitted 7 Jun 49.

PA 66/49T19

NAZAREVSKIY, S.I.; MAKAROV, S.N.; PILIPENKO, F.S.; GERASIMOV, M.V.; IL'INSKAYA, M.L.; VEKSLER, A.I., [deceased]; VASIL'YEV, I.M.; IL'INA, N.V.; SOKOLOV, S.Ya.; LOZINA-LOZINSKAYA, A.S.; SAAKOV, S.G.; ZALESSEKIY, D.M.; AVCHORIN, N.A.; IVANOV, M.I.; PRIKLADOV, N.V.; SOBOLEVSKAYA, E.A.; SALAMATOV, M.N.; MALINOVSKIY, P.I.; LUCHNIK, A.I.; KRAVCHENKO, O.A.; VEKHOV, N.K.; GROZDOV, B.V.; MASHKIN, S.; BOSSE, G.G.; PALIN, P.S.; (g. Shuya, Ivanovskoy oblasti); MATUKHIN, ZATVARNITSKIY, G.F.; GRACHEV, N.G.; CHERKASOV, M.I.; KIRKOPULO, Ye.N.; LEVITSKAYA, A.M.; GRISHKO, N.N.; LIKHVAR', D.F. VIL'CHINSKIY, B.M.; LYPA, A.L.; OREKHOV, M.V.; SHCHERBINA, A.A.; TSYGANKOVA, V.Z.; BARANOVSKIY, A.L.; GEORGIYEVSKIY, S.D.; STEPUNIN, G.A. OZOLIN, E.P.; LUKAYTENE, M.K.; KOS, Yu.I.; VAIL'YEV, A.V.; RUEHADZE, P.Ye.; VASHADZE, V.N.; SHANIDZE, V.M.; MANDEHAVIDZE, D.V.; KORESHKO, A.L.; KOLESHNIKOV, A.I., (g. Sochi); SERGEYEV, L.I.; VOLOSHIN, M.P.; RYBIN, V.A.; IVANOVA, B.I.; RYABOVA, T.I.; GAREYEV, E.Z.; RUSANOV, F.N.; BOCHANTSEVA, Z.P.; BLINOVSKIY, K.V.; KLYSHEV, L.K.; MUSHEGYAN, A.M.; LEONOV, I.M.

Talks given by participants in the meeting. Biul.Glav.bot.sada no.15:
85-182 '53. (MLRA 9:1)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR (for Makarov, Pilipenko, Gerasimov, Il'inskaya, Veksler); 2. Akademiya komunal'nogo khozyaystva imeni K.D. Pamfilova for Vasil'yev); 3. Vsesoyuznaya sel'skokhozyaystvennaya vystavka (for Il'ina); 4. Botanicheskiy sad Botanicheskogo instituta imeni V.L.Komarova Akademii nauk SSSR (for Sokolov, Lozina-Lozinskaya, Saakov); 5. Botanicheskiy sad Leningradskogo

(continued on next card)

HAZAREVSKIY, S.L.---(continued) Card 2.

gosudarstvennogo ordena Lenina universiteta (for Zaleskiy); 6. Pol-yarno-Al'piyskiy botanicheskiy sad Kel'skogo filiala imeni S.M. Kirova Akademii nauk SSSR (for Avrorin); 7. Botanicheskiy sad pri Tomskom gosudarstvennom universiteta (for Ivanov); 8. Botanicheskiy sad pri Tomskom gosudarstvennom universiteta imeni V.V. Kuybysheva (for Prikladov); 9. Sentral'nyy Sibirskiy botanicheskiy sad Zapadno-Sibirskogo filiala Akademii nauk SSSR (for Salamatov, Sobolevskaya); 10. Botanicheskiy sad Irkutsko gosudarstvennogo universiteta imeni A.A. Zhdanova (for Malinovskiy); 11. Altayskaya plodovo-yagodnaya opyt-naya stantsiya (for Iuchnik); 12. Bashkirskiy botanicheskiy sad (for Kravchenko); 13. Lesostepnaya selektsionnaya opyt'naya stantsiya dekorativnykh kul'tur tresta Goszelenkhoz Ministerstva kommunal'nogo kho-zyatva RSFSR (for Vekhov); 14. Bryanskii lesokhozyaystvennyy insti-tut (for Grozdov); 15. Botanicheskiy sad pri Voronezhskom gosudarstvennom universitete (for Mashkin); 16. Orekhovo-Zuyevskiy pedago-gicheskiy institut (for Bosse); 17. Botanicheskiy sad pri Rostovskom gosudarstvennom universitete imeni V.M. Molotova (for Matukhin); 18. Botanicheskiy sad Kuybyshevskogo gorodckogo otdela narodnogo obrazo-vaniya (for Zatvarnitskiy); 19. Zoobotanicheskiy sad pri Kazanskoy universitete (for Grachev); 20. Gosudarstvennyy respublikanskiy proektnyy institut "Giprokommunistroy" (for Cherkasov); 21. Botani-cheskiy sad Odesskogo gosudarstvennogo universiteta imeni I.I. Mechni-kova (for Kirkopulo); 22. Botanicheskiy sad pri Dnepropetrovskom gosudarstvennom universitete (for Levitskaya); 23. Botanicheskiy sad
(continued on next card)

HAZAREVSKIY, S.L.---(continued) Card 3.

Akademii nauk USSR (for Grishko, Likhvar', Vil'chinskiy); 24. Kiyevskiy sel'skokhozyaystvennyy institut (for Lypa); 25. Botanicheskiy sad Chernovitskogo gosudarstvennogo universiteta (for Orekhov); 26. Botanicheskiy sad pri L'vovskom gosudarstvennom universitete imeni Iv. Franko (for Shcherbina); 27. Botanicheskiy sad Khar'kovskogo gosudarstvennogo universiteta imeni A.M. Gor'kogo (for TSygan-kova); 28. Botanicheskiy sad Zhitomirskogo sel'skokhozyaystvennogo instituta (for Baranovskiy); 29. Botanicheskiy sad Akademii nauk Belorusskoy SSR (for Georgiyevskiy); 30. Institut biologii Akademii nauk Belorusskoy SSR (for Stopunin); 31. Botanicheskiy sad Akademii Litovskoy SSR (for Lukaytane); 32. Botanicheskiy sad Latvyskogo gosudarstvennogo universiteta (for Ozolin); 33. Kabardinskiy krayeved-skiy botanicheskiy sad (for Kos); 34. Sukhumskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Vasil'yev, Rukhadze); 35. Batskii botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Shandidze); 36. Tbilisskiy botanicheskiy sad Akademii nauk Gruzinskoy SSR (for Mandzhavidze); 37. Sochinskiy park Dendrariy (for Korkeshko); 38. Gosudarstvennyy Nikitskiy botanicheskiy sad imeni V.M. Molotova (for Sergeyev, Voloshin); 39. Krymskiy filial Akademii nauk SSSR (for Rybin); 40. Botanicheskiy sad Moldavskogo filiala Akademii nauk SSSR (for Ivanova); 41. Botanicheskiy sad Botanicheskogo instituta Akademii nauk Tadzhikskoy SSR (for Ryabova); 42. Botanicheskiy sad Kirgizskogo filiala Akademii nauk SSSR (for Gareyev); 43. Botanicheskiy (continued on next card)

HAZAREVSKIY, S.L.---(continued) Card 4.

sad Akademii nauk Uzbekskoy SSR (for Rusanov, Bochantseva); 44.
Botanicheskii sad Akademii nauk Turkmenskoy SSR (for Blinovskiy);
45. Respublikanskiy sad Akademii nauk Kazakhskoy SSR (for Klyshov,
Mushegyan).

(Botanical gardens)

KOLESNIKOV, A.I.

landscape gardening applied to water reservoirs. Moskva, Izd-vo Ministerstva
kommunal'nogo khoziasitva RSFSR, 1954. 185 p. (55-44351)

SE423.K6

KOLESHNIKOV, A.I., prof.; VARIANOVA, A.N., red.; VOLKOV, S.V., tekhn. red.

[Decorative forms of trees] Dekorativnye formy drevesnykh porod.
Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1958. 271 p. (MIRA 11:7)
(Trees)

CHERKASOV, Mikhail Ivanovich; KOLAKSHIKOV, A.I., red.; ALE-BABANYAN,
Ya.A., red.; VARGANOVA, A.M., red.izd-va; SALAZKOV, N.P.,
tekhn.red.

[Landscape composition of parks and gardens] Kompozitsii zelenykh
nasazhdenii. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 344 p.
(Landscape gardening) (MIRA 13:12)

KOLESNIKOV, Aleksandr Ivanovich, doktor sel'khoz.nauk, prof.(1888-);
ZHELEZNOV, G.F., red.; CHUGUNOVA, Z.S., red.izd-va;
BACHURINA, A.M., tekhn.red.

[Pine *Pinus pityusa* and related species; on the pines *Pinus pityusa*, *P. eldarica*, *P. brutia* and *P. halepensis*] Sosna pitsundskaya i blizkie k nei vidy; o sosnakh pitsundskoi, el'darskoi, brutskoi i alepskoi. Moskva, Goslesbumizdat, 1963. 173 p. (MIRA 17:3)

1. Direktor po nauchnoy chasti Abkhazskoy nauchno-issledovatel'skoy lesnoy opytnoy stantsii v g. Ochamchire Abkhazskoy ASSR (for Kolesnikov).

KOLESHNIKOV, Aleksandr Ivanovich, doktor sel'khoz. nauk, prof.;
NERONOVA, M.D., red.

[Vertical landscaping; landscaping of buildings with
climbing plants] Vertikal'noe ozelenenie; ozelenenie
sooruzhenii v'iushchimisia rasteniiami. Moskva,
Stroiizdat, 1964. 71 p. (MIRA 17:11)

CHEERNYSHEV, V.M.; KOLESHNIKOV, A.I., redaktor; VERINA, G.P., tekhnicheskii redaktor.

[Causes for the formation of cracks in railroad car parts] Prichiny obrazovaniya treshchin v vagonnykh detalyakh. Moskva: Gos. transp. shel-dor. izd-vo, 1953. 111 p. [Microfilm] (MLBA 7:11)
(Railroads--Cars--Maintenance and repair) (Mechanical wear)

KOLESNIKOV, Aleksey Ivanovich; BRAYLOVSKIY, N.B., inzhener, redaktor;
KHITROV, P.A., tekhnicheskiiy redaktor.

[Equipment of two-axle covered railroad cars with automatic couplings]
Oborudovanie drukhoznykh krytykh vagonov avtomatsyepkoi. Moskva, Gos.
transp. shel-dor.isd-vo, 1955. 94 p. (KOLBA 8:11)
(Railroads--Cars)

KOLESHNIKOV, Aleksey Ivanovich; ZVORYKIN, M.L., red.; BOBROVA, Ye.N.,
tekhn.red.

[Air conditioning equipment for passenger cars] Ustanovki
konditsionirovaniia vozdukha v passazhirsikh vagonakh. Moskva,
Gos. transp. zhel.-dor.izd-vo, 1958. 322 p. (MIRA 11:4)
(Railroads--Cars--Air conditioning)

S/081/61/000/021/076/094
B138/B101

AUTHOR: Kolesnikov, A. I.

TITLE: Features of the behavior of plastic lubricants in rolling-contact bearings

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1961, 406, abstract 21M124 (Tr. 3-y Vses. konferentsii po treniyu i iznosu v mashinakh, M., AN SSSR, v. 3, 1960, 291 - 299)

TEXT: Laboratory, bench and running trials have been carried out on lubricating greases of animal and synthetic origin, and also on oils AC-5 (AS-5) and MT-16П (MT-16P). Prolonged operation in rolling contact bearings with the roller bosses 60% filled shows that the animal and synthetic greases behave almost the same. Animal greases could be replaced by synthetic ones in track bearer with automatic rubber seals. If transmission oil MT16P is used to lubricate roller bearings in winter and summer conditions they should work perfectly satisfactorily. Due to the greater penetrability of the oil to the seal, wear should be less than with a grease. The author considers that the lubrication of the track

Card 1/2

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Features of the behavior of plastic...

S/051/61/000/021/076/094
B138/B101

bearers of caterpillar vehicles should be changed from grease to engine oil. This would give longer periods between servicing and topping-up. If MT-16P were used for the running part, this would reduce the amount of lubricant used on the rollers by about two thirds. No complicated apparatus would be required for servicing, and this would reduce the time spent on topping-up and oil changing by about three to four times. ✓
[Abstracter's note: Complete translation.]

Card 2/2

GEL'FON, M.B.; KOLESNIKOV, A.I.

Self-propelled car-washing machinery. Biul.tekh.-ekon.inform.
no.2:69-71 '62. (MIRA 15:3)

(Railroads--Cars--Cleaning)

LEBEDEV, F.M.; FISHZON-RYSS, Yu.I.; KOLESNIKOV, A.I.

Rate of pulse wave spread; methodology and clinicodiagnostic significance. Kardiologiya 4 no.3:82-87 My-Je '64.

1. Kafedra terapii usovershenstvovaniya vrachey No.1 (nachal'nik - prof. P.I.Shilov) Voenno-meditsinskoy ordena Lenina akademii imeni Kirova, Leningrad. (MIRA 18:4)

~~KOLESNIKOV, A.L.; MEZENTSEV, V.A., redaktor; GAVRILOV, S.S. tekhnicheskii redaktor.~~

[Mendeleev's law] Zakon Mendeleeva. Izd. 3-e, perer. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1954. 38 p. (Nauchno-populiarnaya biblioteka, no.17) (MIRA 8:7)
(Periodic law)

KOLESNIKOV, Aleksy Lavrent'yevich

[Technical analysis of raw material, semifinished materials, and the finished products of synthetic medicinal preparations] Tekhnicheskii analiz syr'ia, poluproduktov i gotovoi produktsii sinteticheskikh lekarstvennykh preparatov. Moskva, Medgiz, 1959. 478 p.

(CHEMISTRY, MEDICAL AND PHARMACEUTICAL) (MIRA 14:7)

KOLESNIKOV, Aleksey Lavrent'yevich; OLEYNIK, L.K., red.; BARANOV,
Yu.V., tekhn. red.

[Technical analysis of products obtained in basic organic
synthesis] Tekhnicheskii analiz produktov proizvodstva os-
novnogo organicheskogo sinteza; Rosvuzizdat, 1963. 117 p.
(MIRA 16:12)

(Chemistry, Organic--Synthesis)
(Chemistry, Analytical)

KOLESHNIKOV, A. M. and LISOV, V. N.

"Volvulus in large cattle," Trudy Buryat-Mongol. Zoovet. in-ta, Issue 4, 1948, p. 46-50

SO: U-3850, 16 June 53. (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

KOLESNIKOV, A. N. kandidat biologicheskikh nauk.

The fight for materialistic biology in Kazan University between
1850 and 1880. Uch.zap.Kaz.un. 114 no.9:137-170 '54.

(Kazan--Biology--Study and teaching)

(MLRA 10:3)

KOLESHNIKOV, A.N.

First years of the Kazan Naturalists' Society. Uch.zap.Kaz.un.
115 no.8:3-15 '55. (MIRA 10:3)

1. Deystvitel'nyy chlen Kazanskogo obshchestva yestestvoispytateley
(Kazan--Scientific societies)

KOLESNIKOV, A.N.

Some characteristics of the conformation and physiological
features of working bees. Uch.zap.Kaz.un. 120 no.6:271-321
'60. (MIRA 16:2)

(Bees)

KOLESNIKOV, A.P.

About the speed of ice growth at sea.
Problems of the Arctic. Issue No. 9, 1940.

KONTOROVICH, I.Ye., doktor tekhn. nauk; KOLESNIKOV, A.P., inzh.;
TAMARINA, A.M., inzh.; TKACHENKO, V.I., inzh.; TSERLYUK, M.D., inzh.

Increasing engineering properties of steel castings at low
temperatures. Stroil. i dor. mash. 10 no.4:32-33 Ap '65.

(MIRA 18:5)

ROLESNIKOV, A. S.

Forests and Forestry

Attracting birds to forest strips by the use of berry bushes, Les i step'
No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, July 1952.
Unclassified.

KOLESNIKOV, A. S.

Maple

Supplemental roots of mulberry tree and sharp leafed maple tree. Les.khoz. 5, No. 4.
1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1956, Uncl.
2

KOLESNIKOV, A. S.

Mulberry

Additional roots on the mulberry and box elder, Sel. 1 sem. 19 No. 5, 1952

9. Monthly List of Russian Accessions, Library of Congress, July 1953, Uncl.
2

1. KOLESNIKOV, A. S.
2. USSR (600)
4. Botany - Ecology
7. Unnecessary theory. Les 1 step: 5, no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

KOLESNIKOV, Aleksandr Sergeyevich, inzh.-lesomeliorator; RASTORGUYEV,
E.I., kand.sel'skokhoz.nauk; SHERYAKINA, T.P., inzh.-lesoms-
liorator; SHCHERBAKOV, B.V., kand.sel'skokhoz.nauk; SELETSKAYA,
N.A., red.; BALLOD, A.I., tekhn.red.; TRUKHINA, O.N., tekhn.red.

[Handbook for collective-farm foresters; a reference manual]
V pomoshch' kol'khoznomu lesovodu; spravochnoe posobie. Moskva,
Gos.izd-vo sel'khoz.lit-ry. 1960. 287 p. (MIRA 13:7)
(Forests and forestry)

GODUNOV, Yuriy Nikolayevich; GRACHEV, Aleksey Gavrilovich;
KALASHNIKOV, Anatoliy Fedorovich; KOLESNIKOV, Aleksandr
Sergeyevich; DEVOCHKIN, N.I., red.

[The greenbelt; practices in the establishment of park
forest plantations and orchards around Volgograd] Zele-
noe kol'tso; opyt sozdaniia lesoparkovykh nasazhdenii i
sadorov vokrug Volgograda. Volgograd, Nizhne-Volzhscoe
knizhnoe izd-vo, 1964. 100 p. (MIRA 18:3)

ACC NR: AP6029014 SOURCE CODE: UR/0413/66/000/014/0021/0021

INVENTOR: Chalykh, S. N.; Kafarov, V. V.; Vigdorov, A. S.; Savost'yanov, N. I.;
Gromova, I. I.; Podgorbunskikh, M. T.; Kolesnikov, A. S.; Lufarov, V. Ye.

QRG: none

TITLE: Preparation of salts of dithiocarbamic acid derivatives. Class 12, No. 183735. [announced by Scientific Research Institute of Organic Intermediates and Dyestuffs (Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley)]

SOURCE: Izobret. prom. obraz. tov. zn., no. 14, 1966, 21

TOPIC TAGS: sodium dithiocarbamate, alkyl dithiocarbamate, dialkyl dithiocarbamate, carbamic acid, organic salt

ABSTRACT: Usually, salts of dithiocarbamic acid derivatives of the general formula:

(where R_1 and R_2 are CH_3 or C_2H_5 ; Me is Na) are obtained by the reaction of carbon disulfide with a solution of an amine in the presence of alkalies. To improve the technological process and to increase the yield and quality of the final product, the process is carried out in dilute solutions of amines with a 5% excess of CS_2 .

Card 1/2

UDC: 547.496.2.07

ACC NR: AP6029018

at 25—45°C in the presence of surfactants with subsequent removal
of CS₂ in vacuo (350 mm Hg). (WA-50; CBE No. 11)

SUB CODE: 07/ SUBM DATE: 21Jun65/

Card 2/2

KOLESHNIKOV A S

Million ducks in a year. Nauka i pered.op.v sel'khoz. 7
no.6:20-23 Je '57. (MIRA 10:7)

1. Sekretar' Kanevskogo rayonnogo komiteta Kommunisticheskoy
partii Sovetskogo Soyuz, Krasnodarskogo kraya.
(Krasnodar Territory--Ducks)

KOLESNIKOV, Aleksey Samoylovich

[For a million ducks a year] Za million utok v god. Moskva,
"Sovetskaia Rossiia" 1958. 30 p. (MIRA 12:3)
(Ducks)

KOLESNIKOV, A. S.

KOLESNIKOV, A.S., geroy sotsialisticheskogo truda.

Raising poultry for meat production on collective and state farms
of Kanav District. Ptitssevodstvo 8 no.2:17-21 F '58. (MIRA 11:1)

1. Sekretar' Kanavskogo rayona Kommunisticheskoy partii Sovetskogo
Soyuza.

(Kanav District--Ducks)

KOLESNIKOV, A.S., Geroy Sotsialisticheskogo Truda

This is accessible to all poultry raisers. Zhivotnovodstvo
23 no.3:3-12 Mr '61. (MIRA 17:1)

1. Sekretar' Kanevskogo rayonnogo komiteta Kommunisticheskoy
parti Sovetskogo Soyuza.

KOLESNIKOV, Aleksey Samoylovich, Geroy Sotsialisticheskogo truda;
GRIGOR'YEV, Ye.P., red.; TRUKHINA, O.N., tekhn. red.

[Full utilization of water resources; experience of the
Kanevskaya poultry breeders] Osvaiivam golubuiu tselinu;
opyt kanovskikh ptitsevodov. Moskva, Gos. izd-vo sel'khoz.
lit-ry, 1960. 61 p.
(MIRA 15:1)

1. Sekretar' Kanevskogo rayonnogo komiteta Kommunisticheskoy
partii Sovetskogo Soyuza Krasnodarskogo kraya (for Kolesnikov).
(Kanevskaya District—Poultry)

KOLESNIKOV, Aleksey Samoylovich

[Three million; story on the work accomplishments of Kanev
poultry breeders] Tri miliona; rasskaz o trudovom podvige
Kanevskikh ptitsevodov. Krasnodar, Krasnodarskoe knizhnoe
izd-vo, 1961. 63 p.

(Poultry)

(MIRA 14:12)

GURKOV, K.S., kand.tekhn.nauk; KOSTYLEV, A.D., kand.tekhn.nauk;
KOLESNIKOV, A.T., inzh.; MAKSIMOV, V.A., inzh.; PARINSKIY, Yu.P.,
Inzh.

Hydraulic vibrator. Mekh.i avtom.proizv. 16 no.7:41-43 J1 '62.
(Vibrators) (MIRA 15:8)

MAKSIMOV, V. A.; KOSTYLEV, A. D.; GURKOV, K. S.; VOLOD'KO, K. P.;
YUSHCHENKO, A. I.; SEDYSHEV, V. F.; KOLESNIKOV, A. T. YAGODIN, A. I.;
PONOMARENKO, Yu. F.; FOLKOV, A. N.; BELAK, N. A.

BPM-1 vibrating drill and loader. Gor. zhur. no.10:53-56
0 '62. (MIRA 15:10)

(Mining machinery)

KOSTYLEV, A.D., kand.tekhn.nauk; GURKOV, K.S., kand.tekhn.nauk; PARINSKIY,
Yu.P., inzh.; TISHKOV, A.Ya., inzh.; MAKSIMOV, V.A.; SEDYSHEV, V.F.;
KOLESNIKOV, A.T.

Continuous operation working element of a vibration loader.
Ugol' 39 no.12:40-43 D '64.

(MIRA 18:2)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR (for
Kostylev, Gurkov, Parinskiy, Tishkov). 2. Aleksandrovskiy
mashinostroitel'nyy zavod (for Maksimov, Sedyshev, Kolesnikov).

ZEDGENIDZE, G.A.; MAREY, A.N.; ARSEN'YEVA, M.A.; VOROG'YEV, Ye.I.; KAVETSKIY,
R.Ye.; KOLESNIKOV, A.T.; GEDEONOV, L.I.; ZELENKOV, A.G.

Third International Conference on the Use of Atomic Energy for Peaceful
Purposes (Geneva, 1964). Med. rad. 10 no.1:84-91 Ja '65. (MIRA 18:7)

KOLESHNIKOV A. V.

PA 21/49745

USSR/Engineering
Cranes

Oct 48

Construction Equipment

"Combined Casting Cranes of the Novokramatorsk Factory
Imeni Stalin," A. V. Kolesnikov, Engr, 7 pp

"Mekh Trud i Tyazh Rabot" No 10

Describes cranes in detail, with four drawings and
three tables. They were built in 1947 by NKMZ in the
town of Elektrostal'.

21/49745

KOLESNIKOV, A. V.

USSR/Engineering - Bridge cranes

Card 1/1 Pub. 128 - 2/25

Authors : Kolesnikov, A. V.

Title : Bridge cranes for heavy weight

Periodical : Vest. mash. 1, 14-24, Jan 1955

Abstract : The construction, operation and structural characteristics of the general purpose bridge cranes are described, and technical data is given on tonnage limitations and weight lifting capacities, together with kinematic diagrams of conveyor mechanisms. Tables; drawings.

Institution :

Submitted :

AUTHOR: Kolesnikov, A.V., Engineer.

122-1-3/34

TITLE: A machine for accelerated charging of open-hearth furnaces. (Mashina dlya uskorennoy zagruzki martenovskikh pechey)

PERIODICAL: "Vestnik Mashinostroyeniya" (Engineering Journal)
1957, No. 1, pp. 19 - 22 (U.S.S.R.)

ABSTRACT: Reviewing briefly the recent history of mechanical loaders, and referring to the Wellman loader (U.S.A.) described in "Steel", November, 1947, a design developed by the NKMZ Elektrostal' Plant in 1947 of a thrower type loading machine is briefly mentioned and its disadvantages are stated. Later, a new mechanical loader of the conveyor type was designed, which is described in detail. A metallic conveyor is led into the furnace, the feeding of the charge through all the working windows is foreseen and few modifications are required in existing open-hearth furnaces.

Card 1/1 There are 3 figures.

AVAILABLE: Library of Congress

17(4), 30(1)

AUTHOR:

Kolesnikov, A. V.

SOV/30-59-3-53/61

TITLE:

The Study of Nucleic Acid in Plants
(Izucheniye nukleinovyykh kislot u rasteniy)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1959, Nr 3, pp 130-132 (USSR)

ABSTRACT:

The Otdeleniye biologicheskikh nauk Akademii nauk SSSR (Department for Biological Sciences of the Academy of Sciences, USSR) organized a conference in Ufa at the Bashkir Branch of the Academy, for the purpose of discussing the first results obtained by research work carried out with nucleic acids in plants. The conference was attended by more than 100 persons representing the Institutes of the AS USSR and the UkrSSR, the Bashkirskaya and Moldavskaya branches, several other scientific research institutes, the universities of Moscow and Bashkiriya, the Moscow agricultural Academy imeni K.A. Timiryazev, as well as pedagogical and agricultural institutes. The conference lasted from November 25 to November 28, 1958, and 30 lectures were delivered. The deputy of the Academician and Secretary of the Department for Biological Sciences P. A. Genkel' stressed the fact that this research work represents one of the latest and most promising trends in biology. A. N. Belozerskiy gave a report on nucleic proteides and nucleic acids and their biological importance.

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The Study of Nucleic Acid in Plants

SOV/30-59-3-53/61

A. S. Spirin, I. S. Kulayev, and Zh. A. Medvedev in their reports explained the nature and the biological part played by nucleic acids. V. G. Konarev and S. N. Amirkhanova described new methods of investigating nucleic acids in plants. V. G. Konarev and N.V. Slepchenko described the part played by nucleic acids in shaping processes in plants. G. S. Kuramshin and V. K. Khangil'din spoke about the possibility of influencing plant productivity by nucleic variation. M. S. Odintsova spoke about ribonucleic acid in the structures of plant cells. Ye. Z. Oknina and N. A. Satarova spoke about nucleic acids in the cells of cultivated flowers. R. G. Butenko declared the synthesis of nucleic proteides to be dependent on photoperiodic conditions. M. A. Ali-Zade spoke about the influence exercised by surroundings on the nucleic acid content in young and active organs of plants. I. A. Mazilkin and M. N. Barangulova spoke about nucleic compounds of soils. Among other things, the necessity of carrying out investigations of the following problems was pointed out: The nature and the biological part played by nucleic proteides and nucleic acids in plants, the biosynthesis of nucleic acid and the part it plays in phenomena of heredity. The perfectioning of methods of investigating nucleic acids was declared to be necessary. The

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67484

SOV/24-59-5-12/24

AUTHORS: Brusilovskiy, I.V., and Kolesnikov, A.V. (Moscow)

TITLE: The Influence of the Relative Hub Diameter on Flow in the Blade Rim of the Runner of an Axial Fan and its Annular Blading Characteristics

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PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Energetika i avtomatika, 1959, Nr 5, pp 104-114 (USSR)

ABSTRACT: A number of investigations have shown that the characteristics of rotating annular blading may be very different from those of plane assemblies of blades such as are commonly used to determine the profiles of blading for axial turbo machines. This difference results from motion of the boundary layer over the blades under the influence of centrifugal force and the formation of zones of secondary loss. The formation of such zones is associated with the influence of boundary layers on the hub, the casing and the blades and with flow of air from the lower surface of the blade to the upper through the radial gap between the runner and frame. As the runner blades are usually relatively short a substantial proportion of the blading is affected by secondary losses. In such cases the use of data obtained from tests on

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SOV/24-59-5-12/24

The Influence of the Relative Hub Diameter on Flow in the Blade Rim of the Runner of an Axial Fan and its Annular Blading Characteristics

plane blade assemblies to design runner blading profiles is obviously unsatisfactory and more detailed information is required about the variation in the characteristics of rotating blading particularly near the casing and the hub. The influence of the relative diameter of the hub on the characteristics of the runner has been studied elsewhere. This article considers the losses in the channel between the blades with various diameters of runner hub and the characteristics of rotating annular blading. The tests were made on the runner of an axial fan type K-29 of 0.7 m diameter. The leading characteristics of the runner are given and the aerodynamic and geometrical parameters of the runner blading are tabulated. Tests were made with hub diameters ranging from 0.6 to 0.825 of the runner diameter. Detailed information is given about the test procedure. The influence of the relative diameter of the hub on the distribution of the losses in the runner is considered. From the test results it was possible to determine the distribution loss over the

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The Influence of the Relative Hub Diameter on Flow in the Blade
Rim of the Runner of an Axial Fan and its Annular Blading
Characteristics

pitch of runner blades located at various radii. The losses in the runner were determined from measurements in relative motion using a procedure that has been described already; this method gives results that cannot be obtained by ordinary measurements in absolute motion. The changes in runner flow structure with increasing hub diameter are most clearly seen from diagrams of local loss factor such as are plotted in Fig 1. Fig 2 shows similar diagrams for various values of hub diameter and rated operating conditions. The shapes of these curves and the corresponding nature of local losses are discussed. The loss distribution in the runner changes considerably as the operating conditions of the fan are altered, as will be seen from curves in Fig 3 of change in efficiency over the length of the blade for various conditions of operation. The experimental facts further confirm that there is radial displacement of the boundary layer on the runner blades. Graphs of variations in efficiency at the hub and at the periphery are plotted in

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The Influence of the Relative Hub Diameter on Flow in the Blade
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Fig 4, which also gives runner efficiency for various diameters of hub. The characteristics of rotating runner blades with various hub diameters are then considered. For blade profiling it is important to know the relationship between the annular characteristics of blading and their geometrical parameters and location relative to the hub and the casing. Several typical blading characteristics obtained with various relative values of hub diameter are then given in Fig 5, and curves of optimum angle of attack are given in Fig 6 which also shows lines for angle of attack calculated in the usual way. It will be seen that the angle of attack is large near the hub and may be 12° to 25° diminishing towards the periphery where the best value is -1° to -2° . The significance of the curves given in Figs 5 and 6 is discussed at some length and it is concluded that the investigation has revealed certain general relationships concerning the influence of the relative diameter of the hub on the structure of the flow

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The Influence of the Relative Hub Diameter on Flow in the Blade
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in the channels between the blades and on the
aerodynamic characteristics of the annular rotating
blades, and recommendations are made about blade
profiling.

There are 6 figures, 1 table and 6 references, of
which 4 are Soviet, 1 is German and 1 is English.

SUBMITTED: August 15, 1959

Card 5/5

Kolesnikov, A.V.

14(1)

PHASE I BOOK EXPLOITATION SOV/2685

Tsentral'nyy aero-gidrodinamicheskiy institut

Ventilyatory i vozdukhoprovody (Ventilators and Air Ducts) Moscow, Oborongiz, 1959. 249 p. (Series: Promyshlennaya aerodinamika, sbornik No. 12) Number of copies printed not given.

Ed. (Title page): K.A. Ushakov, Professor; Ed. (Inside book): A.S. Ginevskiy, Candidate of Technical Sciences; Ed. of Publishing House: E.A. Shekhtman; Tech. Ed.: I.M. Zudakin; Managing Ed.: A.S. Zaymovskaya, Engineer.

PURPOSE: This book is intended for engineers, technicians and scientific workers specializing in the field of industrial aerodynamics and ventilation.

COVERAGE: This collection of 14 articles deals with problems of ventilation technology. Results of experimental and theoretical investigations of the aerodynamic characteristics of axial and centrifugal fans are described. Some designs of new, highly economical centrifugal fans are presented and the drag coefficients of various ducts and elements of ventilation systems are given. No personalities are mentioned. References follow most articles.

~~Card 1/7~~

KOLESNIKOV, A.V.

Calculating secondary losses in the impeller of an axial flow
fan. Prom.aerodin. no.17:33-40 '59. (MIRA 14:3)
(Fans, Mechanical)
(Aerodynamics)

KOLESHNIKOV, A.V.

USHAKOV, Konstantin Andreyevich; prof.; BRUSILOVSKIY, Iosif Veniamenovich;
BUSHEL', Aleksandr Romanovich. Prinimali uchastiye: GINEVSKIY, A.S.;
DZIDZIGURI, A.A.; KERSTEN, I.O.; KOLESHNIKOV, A.V.. D'YAKOVA, G.B.,
red.izd-va; SHKLYAR, S.Ya., tekhn.red.; KOROVENKOVA, Z.A., tekhn.red.

[Aerodynamics of axial fans and elements of their design] Aerodi-
namika osevykh ventilatorov i elementy ikh konstrukttsii. Pod red.
K.A.Ushakova. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu
delu, 1960. 421 p. (MIRA 13:3)
(Fans, Mechanical—Aerodynamics)

30993

S/124/61/000/009/014/058

D234/D303

26.2120

AUTHOR:

Kolesnikov, A.V.

TITLE:

Influence of gap between wheel and shell on the characteristics of the axle ventilator

PERIODICAL:

Referativnyy zhurnal. Mekhanika, no. 9, 1961, 38, abstract 9 B238 (V sb. Prom. aerodinamika, no. 17, M., Oborongiz, 1960, 20-32)

TEXT:

Results of systematic investigations, carried out with the same method, on the effect of gap on characteristics of various axle ventilators are given. The ratio of the magnitude of the gap and the length of blade varied within the limits 1 - 6%. Tests were carried out with peripheral end velocities of 29 m/sec which corresponded to Reynolds' numbers, calculated according to the end chord, $R = 2.1 \times 10^5 - 2.35 \times 10^5$. The results of investigation allow the estimation of the influence of the gap between wheel and shell for ventilators with various types of wheel, differ-

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X

KOLESNIKOV, A.V.

Effect of the radial gap on flow structure and pressure losses
in an axial-flow fan. Prom.aerodin. no.21:5-31 '62. (MIRA 15:4)
(Fans, Mechanical--Testing)

KOLESNIKOV, A.V.

The 5702 gear-shaving machine. Biul.tekh.-ekon.inform.
no.1:26-27 '62.

(MIRA 15:2)

(Gear-cutting machines)

KOLE SNIKOV, A.V.; NOSOV, A.Ya.

Errors in measuring irregular flows with a pneumatic-type measuring
attachment. Prom.aerodin. no.24:134-141 '62. (MIRA 16:7)
(Flowmeters)

USHAKOV, K.A.; KOLESNIKOV, A.V.

Investigating pressure losses in diffuser interblade channels
of axial-flow fans. Prom. aerodin, no.25:52-95 '63.

(MIRA 16:7)

(Fans, Mechanical)

L 23461-66 EMT(1)/EWP(m)/EWA(1) WN
ACC NR: AP6012675

SOURCE CODE: UR/0170/66/010/004/0465/0471

AUTHOR: Kolesnikov, A. V.

ORG: none

TITLE: A comparison of experimental data with the results of semiempirical calculation of an incompressible turbulent boundary layer with a pressure gradient

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 10, no. 4, 1966, 465-471

TOPIC TAGS: aerodynamics, turbulent boundary layer, incompressible boundary layer, flow velocity, shear stress, drag, boundary layer thickness

ABSTRACT: A comparison of experimental data with the results of semiempirical calculation of an incompressible turbulent boundary layer having a pressure gradient. A two-layer model is assumed and the turbulent boundary layer is characterized by an inner region near the wall in which the law of the wall can be applied to determining the velocity profile and an outer region in which the relation between the shear stress τ and the transverse velocity gradient is given by Prandtl formula for the "mixing length" $\tau = \rho l^2 (\partial u / \partial y)^2$, where τ is a shear stress, l - the mixing length, and ρ - the air density. The existence of these layers is associated with the different responses to shear stress by the fluid near the wall and by the fluid near the external flow. The velocity profiles calculated by the law of the wall in the mixer layer and by the law of the velocity

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UDC: 532.517.4

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ACC NR: AP6012675

APPROVED FOR RELEASE: 09/17/2001

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deficiency $\frac{u - u_0}{u_*} = \int \frac{\delta}{l} \sqrt{\frac{\tau}{\tau_0}} d\eta$ in the outer layer at various Reynolds

numbers and pressure gradients are presented in a graph; these data show good agreement with experimental data from Rotta and Clauser. The inaccuracy of approximate formulas for shear stress and mixing length has no appreciable effect on velocity profiles. If a satisfactory approximation is adopted, the predicted velocity distributions in the external part of the layer at a constant pressure coincide practically with the law of velocity deficiency. The law of the drag

$$c_{D/2} = 0.00652 R^{*-0.16}$$

determined for this case by using a semiempirical method is confirmed by the Folkner experimental relation even though rough approximations for the shear stress and "mixing length" are used. The results agree well with the empirical family of universal velocity profiles given by $U = U(H, y/\delta^{**})$ and obtained by Doenhoff, Tetervin and Schubauer, Klebanoff. The simplification of the Fedyayevskiy method described here reduces the solution of the integral momentum equation to a single quadrature. Thus, the simplified semiempirical methods can be operational as are the simple empirical methods, though more flexible. They may be generalized to the case of high speed flows with heat transfer and make it possible to take into account the effect of transverse curvature of the body and the presence of chemical reactions in the flow. Orig. art. has: 4 figures and 5 formulas. [AE]

15 DEC 20/ SUBM DATE: 21Oct65/ ORIG REF: 007/ OTH REF: 005/ ATD PRESS:

Card 2/2

4236

KOLESHNIKOV, A.V., kandidat filosofskikh nauk.

Awards given by the Presidium of the Academy of Sciences of the
U.S.S.R. Priroda 46 no.3:111 Nr '57. (VIRA 10:3)

1. Otdeleniye biologicheskikh nauk Akademii Nauk SSSR (Moskva)
(Rewards (Prizes, etc))

KOLESHNIKOV, A. V.

Awarding the Gold Medal and prizes of the Academy of Sciences of the
U.S.S.R. for biological research. Nauka i persd. op. v sel'khoz. 8
no.5:74 Ky '58.

(MIRA 11:5)

(Rewards (Prizes, etc.))
(Biological research)

KOLESNIKOV, A.Ya.

Adjustment of borehole deviation. Izv. vys. ucheb. zav.; tsvet.
met. 4 no.5:30-35 '61. (MIRA 14:10)

1. Severokavkazskiy gornometallurgicheskiy institut, kafedra
poleznykh iskopayemykh i poiskovo-razvedochnogo dela.
(Prospecting) (Mine surveying)

IVANOV, M.V., kandidat tekhnicheskikh nauk; KOLESNIKOV, A.Ye., kandidat tekhnicheskikh nauk.

Ultrasonic method of determining defects in large insulators. Elektricheskiye no.6:95 Je '56. (MIRA 9:9)
(Electric insulators and insulation--Testing)(Ultrasonic waves--Industrial applications)

Kolesnikov, A. Ye.

NOVIKOV, A.K.; KOLESHNIKOV, A.Ye.; MASHARSKIY, B.N.

Calibrating vibrometers used for measuring vibrations of
mechanisms. Izv. tekh. no. 2: 32-35 Mr-Apr '58. (MIRA 11:3)
(Vibration--Measurement)
(Calibration)

AUTHOR: Kolesnikov, A.Ye., (Leningrad)

SOV/46-5-2-24/34

TITLE: Electrical Circuits of Piezoelectric Transducers Used as Receivers (Elektricheskiye tsepi p'ezopreobrazovateley, rabotayushchikh v rezhime priyema)

PERIODICAL: Akusticheskiy zhurnal, 1959, Vol 5, Nr 2, pp 249-251 (USSR)

ABSTRACT: The paper analyses electrical circuits of piezoelectric transducers used as receivers of either continuous or pulse signals. In the majority of cases the electrical side of piezoelectric transducers working as receivers is connected to a voltage amplifier with a high input impedance. The author discusses first an aperiodic input: the transducer is connected to the grid of the first stage of the amplifier. The equivalent circuit for this case is shown in Fig.1, where C_f is the capacitance of the transducer, C_0 is the capacitance of the input which includes the input capacitance of the tube, capacitance of the connections between the transducer and the input and the capacitance of the wiring, R_{voh} is the grid leakage resistance which includes also the

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Electrical Circuits of Piezoelectric Transducers Used as Receivers SOV/46-5-2-24/34

resistance representing the insulation losses, and U_g is the voltage at the grid of the first stage of the amplifier. It is shown that when an ultrasonic signal is applied to the transducer the voltage U_g is given by

$$|U_g| \approx \frac{E \cdot C_f}{C_{vch}}$$

where E is the piezoelectric e.m.f.
When $C_f \ll C_o$ (quartz, tourmaline, Rochelle salt and similar transducers made of materials with low permittivity) then

$$|U_g| = \frac{E \cdot \epsilon_f}{\epsilon_o} \quad (\text{Eq. 2})$$

When $C_f \gg C_o$ (barium titanate and similar transducers made of materials of high permittivity) the general equation reduces to

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Electrical Circuits of Piezoelectric Transducers Used as Receivers

SOV/46-5-2-24/34

$$|U_g| = E \quad (\text{Eq. 3})$$

Next the author discusses connection of the transducer to an amplifier by means of a resonance input (the equivalent circuit is shown in Fig. 2). Then the value of U_g is given by

$$U_g = \frac{E \cdot C_f \cdot Q}{C_{vch}} \quad (\text{Eq. 4})$$

where Q is the Q -factor of the circuit. When $C_f \ll C_o$ Eq. (4) reduces to

$$U_g = \frac{E \cdot C_f \cdot Q}{C_o} \quad (\text{Eq. 5})$$

When $C_f \gg C_o$ Eq. (4) becomes

$$U_g = E \cdot Q \quad (\text{Eq. 6})$$

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Electrical Circuits of Piezoelectric Transducers Used as Receivers SOV/46-5-2-24/34

The results obtained show that, in general, a resonance input transmits a signal better than an aperiodic input. The author shows, however, that the aperiodic input is more useful when very weak signals are received, which are comparable with the internal noise of the input stage of the amplifier. There are 2 figures and 4 Soviet references.

SUBMITTED: March 4, 1957

Card 4/4

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S/115/62/000/011/007/008
E192/E382

13.2530

AUTHOR: Kolesnikov, A.Ye.

TITLE: Calibration of vibration pick-ups (accelerometers) by the reciprocity method

PERIODICAL: Izmeritel'naya tekhnika, no. 11, 1962, 53 - 56

TEXT: The method described is based on the reciprocity principle formulated by H. Trent (J. of Appl. Mechanics, 1948, 15, no. 1) for piezoelectric accelerometers. The calibration depends on three measurements (Fig. 1). During the first and second measurements the sensitive elements of the pick-up I to be calibrated and an auxiliary reversible accelerometer I are alternately connected to a second auxiliary accelerometer III, which is excited by an electrical generator; the open-circuited voltages of the pick-up to be calibrated E_1 and the reversible accelerometer E_2 are measured. The pick-up I and the reversible accelerometer II are interconnected by sensitive elements in the third measurement. The accelerometer II is connected to an oscillator and is used as a vibrator; the pick-up I acts as a

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X

Calibration of

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receiver or accelerometer for these vibrations. It is possible to determine from these measurements the velocity sensitivity S_v and the acceleration sensitivity S_a of the measured pick-up. These two parameters are expressed by:

$$|S_{v1}| = \left[\frac{E_1 E_3 \omega R (m_1 + m_2)(m_1 + m_3)}{E_2 E_4 (m_2 + m_3)} \right]^{1/2} \quad (5) \quad \checkmark$$

and

$$|S_a| = \left[\frac{E_1 E_3 (m_1 + m_2)(m_1 + m_3)}{E_2 E_4 \omega (m_2 + m_3)} \right]^{1/2} \quad (6)$$

where m_1 , m_2 and m_3 are the masses of the measured pick-up, the reversible accelerometer and the excitation accelerometer; R is the resistance connected in series with the reversible accelerometer and E_4 is the voltage developed across it during Card 2/6

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KOLESNIKOV, A.Ye.

Reciprocity calibration of vibration pickups. Izv. tekhn.
no. 11:53-56 N 162. (MIRA 15:11)
(Calibration) (Vibration—Measurement)

ZHDANOV, M.M.; KOSTRYUKOV, G.V.; ASFANDIYAROV, Kh.A.; MAKSUTOV, R.A.;
KONDAKOV, A.N.; TURUSOV, V.M.; SILIN, V.A.; PILYUTSKIY, O.V.;
SHELDYBAYEV, B.F.; PETROV, A.A.; SMIRNOV, Yu.S.; KOLESNIKOV,
A.Ye.; DROZDOV, I.P.; IVANTSOV, O.M.; TSYGANOV, B.Ya.;
KORNOGOV, A.P.; VDOVIN, K.I.; ALEKSEYEV, L.A.; GAYDUKOV, D.T.;
LIPCHENSKIY, A.Ya.; DANYUSHEVSKIY, V.S.; VEDISHCHEV, I.A.;
ALEKSEYEV, L.G.; KRASYUK, A.D.; IVANOV, G.A.

Author's communications. Neft. i gaz. prom. no.2:67-68
Ap-Je '64.

(MIRA 17:9)

ACC NR: AM7002947

Monograph

UR/

Klyukin, Igor' Ivanovich; Kolesnikov, Aleksey Yevgen'yevich

Acoustic measurements in shipbuilding (Akusticheskiye izmereniya v sudostroyenii) Leningrad, Izd-vo "Sudostroyeniye", 66. 01394 p. illus., biblio. 3,300 copies printed

TOPIC TAGS: acoustic measurement, sound absorption, acoustic damping, acoustic impedance, acoustic insulation, acoustic noise, spectrum analysis

PURPOSE AND COVERAGE: The book describes methods for determining the parameters of oscillation processes, and measuring the efficiency of acoustic designs used in the acoustic systems of ships, machines, and mechanisms, in construction and architectural acoustics, and hydroacoustics. Elements of acoustic measuring circuits are investigated, and fundamentals of spectral and correlation analysis of processes are given; the peculiarities in measuring sonic vibrations, sound and vibration insulation, and sound and vibration absorption are considered in detail. Attention is given to graduation and calibration of sound- and vibration-measuring instruments, and also to new trends in acoustic investigations, namely modeling simulation, visualization of

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UDC: 534.6.6:629.12

ACC NR: AM7002947

oscillation processes, measurement of structural mechanical resistances, and determination of dynamic parameters of elastic-viscous materials used in protection from vibration and sound. The book is intended for workers in acoustic laboratories in shipbuilding and ship-repair plants, factories manufacturing ship equipment, and merchant marine and river fleet personnel, as well as workers in design bureaus and scientific research institutes. It may be useful to specialists engaged in study and design of antinoise protection for residential and industrial construction projects, and also to those working in ground and air transportation. The book will be equally useful to students and aspirants at institutions of higher technical education. The authors express their gratitude to L. L. Myasnikov, N. N. Marinin, and B. N. Masharskiy, whose suggestions and advice contributed substantially to the book's quality, and to N. P. Yagunova, and G. P. Grineva for their assistance in the selection and presentation of graphs.

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Ch. 2. Calibration of sound- and vibration-measuring instruments -- 39

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AM7002947

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- Ch. 4. Sonic vibration measurements -- 143
- Ch. 5. Spectrum analysis and visualization of oscillation processes -- 160
- Ch. 6. Measurement of sound insulation, sound absorption, and sound suppression -- 189
- Ch. 7. Measurement of vibration insulation and vibration absorption -- 213
- Ch. 8. Correlation measurements -- 245
- Ch. 9. Measurements of dynamic constants of elastic-viscous materials and interlayers made from them -- 275
- Ch. 10. Measurement of mechanical resistance and acoustic impedance -- 296
- Ch. 11. Modeling in acoustic measurements -- 308
- Ch. 12. Automation of measurements, and acoustic control of a mechanism's quality -- 325
- Ch. 13. Evaluation of errors in data obtained -- 351

Inclosure -- 375

Literature -- 379

SUB CODE: 20/ SUBM DATE: 06Apr66/ ORIG REF: 216/ OTH REF: 175

Card 3/3

KOLESHNIKOV, B., inzh.

A matter of nation-wide importance. Tekh. v sel'khoz. 20 no. 6:64-66
Je '60.

(Repair and supply stations)

(MIRA 13:10)

KOLFSNIKOV, B.I., inzh.

Taking into consideration the durability and economic efficiency
of machines in designing machinery. Vest. mash. 38 no.9:59-64
S '58. (MIRA 11:10)

(Machinery--Design)

KOLESNIKOV, B. I.

Cand Tech Sci - (diss) "Analytical foundations for technical requirements for longevity of machines and for service life of its parts." Moscow, 1961. 21 pp; (Moscow Order of Lenin Agri Academy imeni K. A. Timiryazev); 200 copies; price not given; (KL, 7-61 su), 238)

S/118/62/000/008/001/002
D299/D309

AUTHOR: Kolesnikov, B. I., Engineer

TITLE: Operational experience in calculating the reliability and life span of machine parts

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 8, 1962, 38 - 40

TEXT: On the basis of the most manifestly rational span of working life of machine parts the author has evolved a method of preliminary calculation and experimental verification of the reliability, life span and economy (RLE) of components. In the preliminary calculations the operating conditions of the component and each of its parts are carefully studied which enables the nature of the wear and the rate at which it develops to be determined. After this the total span of working life of the component is fixed. An economically favorable variant of the span of working life is selected for parts the wear of which influences the RLE of a component and an apportioning of the cost of these parts is made by groups of the span of working life

Card 1/2

Operational experience ...

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which are adopted. To complete the calculation it is necessary to know the span of the working life of each part separately. For this, technical-economic indices of the parts are determined by means of which, and using a system of points, a separate estimate is given for each part. After determining the total number of points for each part, groups of parts are formed with an identical number of points and the cost of each group as a percentage of the cost of the component is found. Then the cost of the group of parts with the lowest number of points is compared with the cost of the group of parts with the shortest span of life. The preliminary calculations express in a tangible form the basic indices of the RLE of a component and the span of the working life of its member parts. But the calculations in such a form do not give a final solution to the problems of RLE. An experimental verification of the factual indices of the RLE of a component is necessary to ascertain to what extent these indices correspond to the calculated values. 3 tables are given.

Card 2/2

KOLESNIKOV, B.I., inzh.

Practice in calculating the reliability and durability of
articles. Mekh.i avtom.proizv. 16 no.8:38-40 Ag '62.
(Mechanical wear) (Machinery) (MIRA 15:9)

KOLESNIKOV, B. L.

Priroda yuzhnoy poloviny sovetskogo dal'nego vostoka (Characteristics of nature in the southern half of the soviet Far East, by) Yu. A. Liverovskiy i B. L. Kolesnikov. Moskva, 1949.

382 p.

Publ. by Akademiya Nauk SSSR. Institut Geografii

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BELIKOV, I.F., kand.biolog.nauk, red.; KARASEV, I.I., kand.
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P.K., kand.geologo-mineral.nauk, red.; GONCHAR, G.V., tekhn.red.

[Zoogeographic zones of the Maritime Territory] O zoogeograficheskikh
okrugakh Primorskogo kraia. Vladivostok, DV baza AN SSSR, 1947.
34 p. (Komarovskie chteniia, no.1) (MIRA 12:7)
(Maritime Territory--Zoogeography)

KOLESHNIKOV, B.P.

Larch forests of the middle Amur plain. Trudy Dal'nevost.bary
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KOLESNIKOV
AMS/A+B

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Лисовский, И. И. и Косовский, И. И. Климат. [Climate.] (In Perioda
bezopasnyy Sovetskogo Dal'nego Vostoka. [The nature of the southern half of the
Soviet Far East.] Kilmor. Akademiya Nauk, SSSR, Institut Geografii, 1940. p. 24-105.
photo, 4 charts, maps, table.) DEC: A rational discussion of the climate of Eastern Siberia
based on solar radiation data for 4 stations, pressure and circulation charts (Kilmorov),
synoptic charts, evaporation data, etc. Climate also discussed by seasons and sub-regions.
Subject headings: Climatology, Eastern Siberia, U.S.S.R. M.R.

ATM. 55.4 METEOROLOGICAL LITERATURE CLASSIFICATION

SEARCHED INDEXED

SEARCHED MAP ONLY SET

SEARCHED ONE

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KOLRSNIKOV, B. P.

"Cedar Forests of the Primorskiy Kray." Sub 29 Nov 51, Inst
of Forestry, Acad Sci USSR.

Dissertations presented for science and engineering degrees in
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SO: Sum. No. 480, 9 May 55

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New dog rose in the Sikhote-Alin' Range. Bot.mat.Gerb. 15:
123-125 '53. (MLRA 7:2)
(Sikhote-Alin' Range--Roses) (Roses--Sikhote-Alin' Range)

KOLESHNIKOV, B.Y.

KOLESHNIKOV, Boris Pavlovich, doktor biol.nauk; TSYMEK, A.A., doktor
ser'skokhozyaystvennykh nauk, red.; KAYDALOVA, M.D., tekhn,red.

[Vegetation of the Far East] Ocherk rastitel'nosti Dal'nego Vostoka.
[Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1955. 102 p. (MIRA 11:2)
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